BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:Improvements to roads and drains at Doddabommasandra and surrounding areas in ward no 10 (Doddabommasandra), Vidyaranyapura Sub Division

BYATARAYANAPURA DIVISION

PRE-MEASUREMENTS

Name of Work: Improvements to roads and drains at Doddabommasandra and surrounding areas in ward no 10 (Doddabommasandra), Vidyaranyapura Sub Division.

Item No	Description of Item	No	Length	B1	B2	Avg Breadth	Depth	Qty	Unit
1	Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specifications.								
	For CC Road								
	Hanumantha Temple Road								
	From Ramachandra pura Bus Stop to Ramachandra pura Main Road								
		1	15.00	4.40	3.80	4.10	0.20	12.30	
		1	15.00	3.80	3.90	3.85	0.20	11.55	
		1	15.00	3.90	4.50	4.20	0.20	12.60	
		1	5.60	4.50	5.00	4.75	0.20	5.32	
		1	12.20	3.20	3.10	3.15	0.25	9.61	
		1	15.00	3.50	3.20	3.35	0.20	10.05	
		1	2.00	2.70	2.70	2.70	0.20	1.08	
	Temple Surrounding Area								
		1	2.00	1.45	1.55	1.50	0.20	0.60	
		1	1.80	3.40	3.50	3.45	0.20	1.24	
		1	8.00	4.75	4.75	4.75	0.20	7.60	
		1	5.00	7.40	7.00	7.20	0.20	7.20	
		1	10.20	6.20	6.80	6.50	0.20	13.26	
		1	8.00	2.10	1.90	2.00	0.20	3.20	
	Bushra Store Road from Maramma Block Road								
		1	15.00	4.70	4.40	4.55	0.20	13.65	
		1	15.00	4.40	4.60	4.50	0.25	16.88	
		1	15.00	4.60	4.40	4.50	0.20	13.50	
		1	15.00	4.40	3.90	4.15	0.25	15.56	
		1	15.00	3.90	3.75	3.83	0.20	11.48	
		1	15.00	3.75	4.30	4.03	0.25	15.09	
		1	15.00	4.30	4.10	4.20	0.20	12.60	
		1	15.00	4.10	4.50	4.30	0.25	16.13	
		1	7.90	4.50	5.10	4.80	0.20	7.58	
	Continue Length Towards Ramachandra pura Main Road								
		1	15.00	5.25	4.90	5.08	0.20	15.23	
		1	15.00	4.90	4.30	4.60	0.20	13.80	
		1	15.00	4.30	3.00	3.65	0.25	13.69	
		1	15.00	3.00	3.90	3.45	0.20	10.35	
		1	15.00	3.90	3.35	3.63	0.25	13.59	
		1	15.00	3.35	3.40	3.38	0.20	10.13	
		1	7.00	3.40	4.00	3.70	0.25	6.48	
	R Chandrappa Layout								
	5th Cross from Ramachandra pura Main road to Dead End								
		0	2.00	5.20	5.20	5.20	0.10	0.00	
		1	15.00	5.90	5.20	5.55	0.20	16.65	
		1	15.00	5.20	4.90	5.05	0.20	15.15	
		1	12.60	4.90	4.90	4.90	0.20	12.35	
		1	10.40	5.80	5.85	5.83	0.20	12.12	
		1	7.80	6.45	6.50	6.48	0.20	10.10	
	3rd Cross from Ramachandra pura Main road to Dead End								
		1	10.40	6.70	6.70	6.70	0.20	13.94	
		1	18.00	5.35	5.00	5.18	0.20	18.63	
		1	15.00	6.30	6.10	6.20	0.20	18.60	
		1	7.80	6.10	5.90	6.00	0.20	9.36	
		1	5.20	5.00	5.10	5.05	0.20	5.25	
								123.4	

Sweetha. N.R
AE N10

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

em No	Description of Item	No	Length	B1	B2	Avg Breadth	Depth	Qty	Unit
	2nd Cross from Ramachandra pura Main road to Dead End								
		1	15.00	6.45	6.00	6.23	0.20	18.68	
		1	15.00	6.00	5.90	5.95	0.20	17.85	
		1	15.00	5.90	6.00	5.95	0.20	17.85	
		1	11.40	6.00	6.00	6.00	0.20	13.68	
	1st Cross from Ramachandra pura Main road to Dead End								
		1	15.00	4.80	5.30	5.05	0.20	15.15	
		1	15.00	5.30	5.40	5.35	0.20	16.05	
		1	15.00	5.40	6.30	5.85	0.20	17.55	
		1	11.00	4.80	5.60	5.20	0.20	11.44	
	1st Cross,KNV 2nd Stage (Near Lokesh Building House)								
		1	15.00	4.00	4.00	4.00	0.20	12.00	
		1	15.00	4.00	5.00	4.50	0.20	13.50	
		1	15.00	5.00	5.30	5.15	0.20	15.45	
		1	15.00	5.30	5.50	5.40	0.20	16.20	
		1	15.00	5.50	5.50	5.50	0.20	16.50	
	Deduction		Smitha.NK AEN10						
	Hanumantha Temple Road								
	Man Hole	-2		(3.142*0.9*0.9)/4			0.20	-0.25	
	Temple Surrounding Area								
		-1	2.00	1.50	1.50	1.50	0.20	-0.60	
	Bande Muneshwara Temple	-1	3.30	3.30	3.30	3.30	0.20	-2.18	
		-1	1.80	1.25	1.25	1.25	0.20	-0.45	
	Man Hole	-1		(3.142*0.9*0.9)/4			0.20	-0.13	
	Bushra Store Road								
	Man Hole	-4		(3.142*0.9*0.9)/4			0.20	-0.50	
	Borewell	-1		(3.142*0.3*0.3)/4			0.20	-0.01	
	Electrical Poles	-6	0.25	0.25	0.25	0.25	0.20	-0.08	
	5th Cross								
	Man Hole	-1		(3.142*0.9*0.9)/4			0.20	-0.13	
	Electrical Poles	-4	0.25	0.25	0.25	0.25	0.20	-0.05	
	Chamber	-1	1.60	1.80	1.80	1.80	0.20	-0.58	
	3rd Cross								
	Man Hole	-3		(3.142*0.9*0.9)/4			0.20	-0.38	
	Steps	-1	2.50	0.30	0.30	0.30	0.20	-0.15	
		-1	2.00	1.00	1.00	1.00	0.20	-0.40	
		-1	3.80	1.00	1.00	1.00	0.20	-0.76	
	2nd Cross								
	Man Hole	-1		(3.142*0.9*0.9)/4			0.20	-0.13	
	Electrical Poles	-2	0.25	0.25	0.25	0.25	0.20	-0.03	
	Ramp	-1	3.50	0.90	0.90	0.90	0.20	-0.63	
		-1	2.00	0.60	0.60	0.60	0.20	-0.24	
		-1	3.80	1.00	1.00	1.00	0.20	-0.76	
		-1	4.80	0.45	0.45	0.45	0.20	-0.43	
		-1	2.40	1.20	1.20	1.20	0.20	-0.58	
	Entrance Gates	-1	3.20	1.00	1.00	1.00	0.20	-0.64	
		-1	3.50	0.80	0.80	0.80	0.20	-0.56	
	1st Cross								
	Man Hole	-2		(3.142*0.9*0.9)/4			0.20	-0.25	
	trees area	-4		(3.142*0.3*0.3)/4			0.20	-0.06	
	Ramp	-1	1.20	1.20	1.20	1.20	0.20	-0.29	
							Present Qty =	624.15	Cum

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Smitha .NK
Assistant Engineer
Ward No.10

Assistant Executive Engineer
Vidyaranyapura Sub Division

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

Name of Work: Improvements to roads and drains at Doddabommasandra and surrounding areas in ward no 10 (Doddabommasandra), Vidyaranyapura Sub Division.

Item No	Description of Item	No	Length	B1	B2	Avg Breadth	Depth	Qty	Unit
2	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil invoiving , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete as per specification								
	For CC Road								
	Hanumantha Temple Road								
	From Ramachandra pura Bus Stop to Ramachandra pura Main Road								
		1	15.00	4.40	3.80	4.10	0.10	6.15	
		1	15.00	3.80	3.90	3.85	0.15	8.66	
		1	15.00	3.90	4.50	4.20	0.15	9.45	
		1	5.60	4.50	5.00	4.75	0.10	2.66	
		1	12.20	3.20	3.10	3.15	0.15	5.76	
		1	15.00	3.50	3.20	3.35	0.15	7.54	
		1	2.00	2.70	2.70	2.70	0.15	0.81	
	Temple Surrounding Area								
		1	2.00	1.45	1.55	1.50	0.15	0.45	
		1	1.80	3.40	3.50	3.45	0.10	0.62	
		1	8.00	4.75	4.75	4.75	0.15	5.70	
		1	5.00	7.40	7.00	7.20	0.15	5.40	
		1	10.20	6.20	6.80	6.50	0.10	6.63	
		1	8.00	2.10	1.90	2.00	0.15	2.40	
	Bushra Store Road from Maramma Block Road								
		1	15.00	4.70	4.40	4.55	0.15	10.24	
		1	15.00	4.40	4.60	4.50	0.15	10.13	
		1	15.00	4.60	4.40	4.50	0.15	10.13	
		1	15.00	4.40	3.90	4.15	0.15	9.34	
		1	15.00	3.90	3.75	3.83	0.15	8.61	
		1	15.00	3.75	4.30	4.03	0.15	9.06	
		1	15.00	4.30	4.10	4.20	0.15	9.45	
		1	15.00	4.10	4.50	4.30	0.15	9.68	
		1	7.90	4.50	5.10	4.80	0.15	5.69	
	Continue Length Towards Ramachandra pura Main Road								
		1	15.00	5.25	4.90	5.08	0.15	11.42	
		1	15.00	4.90	4.30	4.60	0.10	6.90	
		1	15.00	4.30	3.00	3.65	0.15	8.21	
		1	15.00	3.00	3.90	3.45	0.15	7.76	
		1	15.00	3.90	3.35	3.63	0.15	8.16	
		1	15.00	3.35	3.40	3.38	0.15	7.59	
		1	7.00	3.40	4.00	3.70	0.10	2.59	
	R Chandrappa Layout								
	5th Cross from Ramachandra pura Main road to Dead End								
		0	2.00	5.20	5.20	5.20	0.10	0.00	
		1	15.00	5.90	5.20	5.55	0.15	12.49	
		1	15.00	5.20	4.90	5.05	0.15	11.36	
		1	12.60	4.90	4.90	4.90	0.10	6.17	
		1	10.40	5.80	5.85	5.83	0.15	9.09	
		1	7.80	6.45	6.50	6.48	0.15	7.57	

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

Item No	Description of Item	No	Length	B1	B2	Avg Breadth	Depth	Qty	Unit
	3rd Cross from Ramachandra pura Main road to Dead End								
		1	10.40	6.70	6.70	6.70	0.15	10.45	
		1	18.00	5.35	5.00	5.18	0.10	9.32	
		1	15.00	6.30	6.10	6.20	0.10	9.30	
		1	7.80	6.10	5.90	6.00	0.10	4.68	
		1	5.20	5.00	5.10	5.05	0.15	3.94	
	2nd Cross from Ramachandra pura Main road to Dead End								
		1	15.00	6.45	6.00	6.23	0.15	14.01	
		1	15.00	6.00	5.90	5.95	0.10	8.93	
		1	15.00	5.90	6.00	5.95	0.15	13.39	
		1	11.40	6.00	6.00	6.00	0.10	6.84	
	1st Cross from Ramachandra pura Main road to Dead End								
		1	15.00	4.80	5.30	5.05	0.10	7.58	
		1	15.00	5.30	5.40	5.35	0.10	8.03	
		1	15.00	5.40	6.30	5.85	0.10	8.78	
		1	11.00	4.80	5.60	5.20	0.10	5.72	
	1st Cross,KNV 2nd Stage (Near Lokesh Building House)								
		1	15.00	4.00	4.00	4.00	0.15	9.00	
		1	15.00	4.00	5.00	4.50	0.15	10.13	
		1	15.00	5.00	5.30	5.15	0.15	11.59	
		1	15.00	5.30	5.50	5.40	0.15	12.15	
		1	15.00	5.50	5.50	5.50	0.15	12.38	
	Deduction					Sunitha AEWO			
	Hanumantha Temple Road								
	Man Hole	-2		(3.142*0.9*0.9)/4			0.10	-0.13	
	Temple Surrounding Area								
		-1	2.00	1.50	1.50	1.50	0.15	-0.45	
	Bande Muneshwara Temple	-1	3.30	3.30	3.30	3.30	0.15	-1.63	
		-1	1.80	1.25	1.25	1.25	0.15	-0.34	
	Man Hole	-1		(3.142*0.9*0.9)/4			0.10	-0.06	
	Bushra Store Road								
	Man Hole	-4		(3.142*0.9*0.9)/4			0.10	-0.25	
	Borewell	-1		(3.142*0.3*0.3)/4			0.15	-0.01	
	Electrical Poles	-6	0.25	0.25	0.25	0.25	0.15	-0.06	
	5th Cross								
	Man Hole	-1		(3.142*0.9*0.9)/4			0.10	-0.06	
	Electrical Poles	-4	0.25	0.25	0.25	0.25	0.15	-0.04	
	Chamber	-1	1.60	1.80	1.80	1.80	0.15	-0.43	
	3rd Cross								
	Man Hole	-3		(3.142*0.9*0.9)/4			0.15	-0.28	
	Steps	-1	2.50	0.30	0.30	0.30	0.10	-0.08	
		-1	2.00	1.00	1.00	1.00	0.10	-0.20	
		-1	3.80	1.00	1.00	1.00	0.15	-0.57	
	2nd Cross								
	Man Hole	-1		(3.142*0.9*0.9)/4			0.10	-0.06	
	Electrical Poles	-2	0.25	0.25	0.25	0.25	0.10	-0.01	
	Ramp	-1	3.50	0.90	0.90	0.90	0.15	-0.47	
		-1	2.00	0.60	0.60	0.60	0.15	-0.18	

Assistant Executive Engine
Vidyaranyapura Sub Divisi
BBMP, Bangalore - 97

Item No	Description of Item	No	Length	B1	B2	Avg Breadth	Depth	Qty	Unit
		-1	3.80	1.00	1.00	1.00	0.15	-0.57	
		-1	4.80	0.45	0.45	0.45	0.15	-0.32	
		-1	2.40	1.20	1.20	1.20	0.10	-0.29	
	Entrance Gates	-1	3.20	1.00	1.00	1.00	0.10	-0.32	
		-1	3.50	0.80	0.80	0.80	0.10	-0.28	
	1st Cross								
	Man Hole	-2		(3.142*0.9*0.9)/4			0.10	-0.13	
	trees area	-4		(3.142*0.3*0.3)/4			0.10	-0.03	
	Ramp	-1	1.20	1.20	1.20	1.20	0.10	-0.14	
							Present Qty =	**402.64**	**Cum**

Assistant Engineer
Ward No.10

Assistant Executive Engineer
Vidyaranyapura Sub Division

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Name of Work: Improvements to roads and drains at Doddabommasandra and surrounding areas in ward no 10 (Doddabommasandra), Vidyaranyapura Sub Division.

Item No	Description of Item	No	Length	B1	B2	Avg Breadth	Depth	Qty	Unit
3	Providing and laying in position plain cement concrete of Mix 1:4:8 with OPC @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM curing complete as per specifications.								
	For CC Road								
	Hanumantha Temple Road								
	From Ramachandra pura Bus Stop to Ramachandra pura Main Road								
		1	15.00	4.40	3.80	4.10	0.15	9.23	
		1	15.00	3.80	3.90	3.85	0.15	8.66	
		1	15.00	3.90	4.50	4.20	0.15	9.45	
		1	5.60	4.50	5.00	4.75	0.15	3.99	
		1	12.20	3.20	3.10	3.15	0.15	5.76	
		1	15.00	3.50	3.20	3.35	0.15	7.54	
		1	2.00	2.70	2.70	2.70	0.15	0.81	
	Temple Surrounding Area								
		1	2.00	1.45	1.55	1.50	0.15	0.45	
		1	1.80	3.40	3.50	3.45	0.15	0.93	
		1	8.00	4.75	4.75	4.75	0.15	5.70	
		1	5.00	7.40	7.00	7.20	0.15	5.40	
		1	10.20	6.20	6.80	6.50	0.15	9.95	
		1	8.00	2.10	1.90	2.00	0.15	2.40	
	Bushra Store Road from Maramma Block Road								
		1	15.00	4.70	4.40	4.55	0.15	10.24	
		1	15.00	4.40	4.60	4.50	0.15	10.13	
		1	15.00	4.60	4.40	4.50	0.15	10.13	
		1	15.00	4.40	3.90	4.15	0.15	9.34	
		1	15.00	3.90	3.75	3.83	0.20	11.48	
		1	15.00	3.75	4.30	4.03	0.15	9.06	
		1	15.00	4.30	4.10	4.20	0.15	9.45	
		1	15.00	4.10	4.50	4.30	0.15	9.68	
		1	7.90	4.50	5.10	4.80	0.15	5.69	
	Continue Length Towards Ramachandra pura Main Road								
		1	15.00	5.25	4.90	5.08	0.15	11.42	
		1	15.00	4.90	4.30	4.60	0.15	10.35	
		1	15.00	4.30	3.00	3.65	0.15	8.21	
		1	15.00	3.00	3.90	3.45	0.15	7.76	
		1	15.00	3.90	3.35	3.63	0.15	8.16	
		1	15.00	3.35	3.40	3.38	0.15	7.59	
		1	7.00	3.40	4.00	3.70	0.15	3.89	
	Approach @ 1st Cross	1	3.00	1.00	1.00	1.00	0.15	0.45	
	R Chandrappa Layout					Scuttle 2Nos AE 4Nos			
	5th Cross from Ramachandra pura Main road to Dead End								
		1	2.00	5.20	5.20	5.20	0.10	1.04	
		1	15.00	5.90	5.20	5.55	0.15	12.49	
		1	15.00	5.20	4.90	5.05	0.15	11.36	
		1	12.60	4.90	4.90	4.90	0.15	9.26	
		1	10.40	5.80	5.85	5.83	0.175	10.60	
		1	7.80	6.45	6.50	6.48	0.15	7.58	
	3rd Cross from Ramachandra pura Main road to Dead End								
		1	10.40	6.70	6.70	6.70	0.15	10.45	
		1	18.00	5.35	5.00	5.18	0.15	13.97	
		1	15.00	6.30	6.10	6.20	0.15	13.95	

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Item No	Description of Item	No	Length	B1	B2	Avg Breadth	Depth	Qty	Unit
		1	7.80	6.10	5.90	6.00	0.15	7.02	
		1	5.20	5.00	5.10	5.05	0.15	3.94	
	2nd Cross from Ramachandra pura Main road to Dead End								
		1	15.00	6.45	6.00	6.23	0.15	14.01	
		1	15.00	6.00	5.90	5.95	0.15	13.39	
		1	15.00	5.90	6.00	5.95	0.15	13.39	
		1	11.40	6.00	6.00	6.00	0.18	11.97	
	Approach @ Dead End	1	2.00	1.80	1.80	1.80	0.10	0.36	
	1st Cross from Ramachandra pura Main road to Dead End								
		1	15.00	4.80	5.30	5.05	0.15	11.36	
		1	15.00	5.30	5.40	5.35	0.15	12.04	
		1	15.00	5.40	6.30	5.85	0.15	13.16	
		1	11.00	4.80	5.60	5.20	0.15	8.58	
	1st Cross,KNV 2nd Stage (Near Lokesh Building House)								
		1	15.00	4.00	4.00	4.00	0.15	9.00	
		1	15.00	4.00	5.00	4.50	0.15	10.13	
		1	15.00	5.00	5.30	5.15	0.15	11.59	
		1	15.00	5.30	5.50	5.40	0.15	12.15	
		1	15.00	5.50	5.50	5.50	0.15	12.38	
	For Culvert								
	2nd cross								
	Bed Concrete	1	6.40	2.00	2.00	2.00	0.20	2.56	
	Ramp For Culvert	1	6.40	1.00	1.00	1.00	0.15	0.96	
	1st Cross								
	Bed Concrete	1	8.50	2.00	2.00	2.00	0.20	3.40	
	Ramp For Culvert	1	8.50	0.75	0.75	0.75	0.15	0.96	
	Deduction								
	Hanumantha Temple Road								
	Man Hole	-2	(3.142*0.9*0.9)/4				0.15	-0.19	
	Temple Surrounding Area								
		-1	2.00	1.50	1.50	1.50	0.15	-0.45	
	Bande Muneshwara Temple	-1	3.30	3.30	3.30	3.30	0.15	-1.63	
		-1	1.80	1.25	1.25	1.25	0.15	-0.34	
	Man Hole	-1	(3.142*0.9*0.9)/4				0.15	-0.09	
	Bushra Store Road								
	Man Hole	-4	(3.142*0.9*0.9)/4				0.15	-0.38	
	Borewell	-1	(3.142*0.3*0.3)/4				0.15	-0.01	
	Electrical Poles	-6	0.25	0.25	0.25	0.25	0.10	-0.04	
	5th Cross								
	Man Hole	-1	(3.142*0.9*0.9)/4				0.15	-0.09	
	Electrical Poles	-4	0.25	0.25	0.25	0.25	0.15	-0.04	
	Chamber	-1	1.60	1.80	1.80	1.80	0.10	-0.29	
	3rd Cross								
	Man Hole	-3	(3.142*0.9*0.9)/4				0.15	-0.28	
	Steps	-1	2.50	0.30	0.30	0.30	0.15	-0.11	
		-1	2.00	1.00	1.00	1.00	0.15	-0.30	
		-1	3.80	1.00	1.00	1.00	0.15	-0.57	
	2nd Cross								
	Man Hole	-1	(3.142*0.9*0.9)/4				0.10	-0.06	
	Electrical Poles	-2	0.25	0.25	0.25	0.25	0.15	-0.02	
	Ramp	-1	3.50	0.90	0.90	0.90	0.15	-0.47	

Assistant Executive Engineer
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Item No	Description of Item	No	Length	B1	B2	Avg Breadth	Depth	Qty	Unit
		-1	2.00	0.60	0.60	0.60	0.15	-0.18	
		-1	3.80	1.00	1.00	1.00	0.15	-0.57	
		-1	4.80	0.45	0.45	0.45	0.15	-0.32	
		-1	2.40	1.20	1.20	1.20	0.15	-0.43	
	Entrance Gates	-1	3.20	1.00	1.00	1.00	0.10	-0.32	
		-1	3.50	0.80	0.80	0.80	0.15	-0.42	
	1st Cross								
	Man Hole	-2		(3.142*0.9*0.9)/4			0.15	-0.19	
	trees area	-4		(3.142*0.3*0.3)/4			0.10	-0.03	
	Ramp	-1	1.20	1.20	1.20	1.20	0.10	-0.14	
							Present Qty =	**468.32**	**Cum**

Assistant Engineer
Ward No.10

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